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The Classical Weekly

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WHOLE NO. 379

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LUCRETIUS 1. 1-28

(A Study in Interpretation and Punctuation)

Lucretius 1.1-28, the opening sentence of the *De Rerum Natura*, I would punctuate as follows:

Aeneadum genetrix, hominum divomque voluptas,
alma Venus, caeli subter labentia signa
quae mare navigerum, quae terras frugiferentis
concelebras, per te quoniam genus omne animantium
5 concipitur visitque exortum lumina solis—
te, dea, te fugiunt venti, te nubila caeli
adventumque tuum, tibi suavis daedala tellus
summittit flores, tibi rident aequa ponti
placatumque nitet diffuso lumine caelum,
10 nam simul ac species patefactast verna diei
et reserata viget genitabilis aura Favoni,
aeriae primum volucres te, diva, tuumque
significant initum percusse corda tua vi,
inde ferae pecudes persulant pabula laeta
15 et rapidos trarant amnis (ita capta lepore
te sequitur cupide quo quamque inducere pergis),
denique per maria ac montis fluviosque rapacis
frondiferasque domos avium camposque virentis
omnibus incutiens blandum per pectora amorem
20 efficiat ut cupide generatim saecula propagant—
quae quoniam rerum naturam sola gubernas
nec sine te quicquam dias in luminis oras
exoritur neque fit laetum neque amabile quicquam,
te sociam studeo scribendis versibus esse
25 quos ego de rerum natura pangere conor
Memmiadae nostro, quem tu, dea, tempore in omni
omnibus ornatus voluisti excellere rebus,
quo magis aeternum da dictis, diva, leporem.

At the bottom of this proposed repunctuation two principles lie: (1) punctuation is a most important adjunct to interpretation—an adjunct of which classical scholars avail themselves all too seldom; (2) the ancients thought in far longer groups of words than our modern system of pointing classical texts allows us, as a rule, to realize. See my remarks in American Journal of Philology 31 (1910), 72, note 1. The movement from the Roman system, with its practically complete absence of punctuation, to our highly complex modern system of (over)punctuation has at times brought serious losses, through hindrances to sound interpretation. Scholars trained through long years to a given punctuation find it hard to accept a new one. And yet some very brilliant contributions to classical scholarship have been made by way of changes in the punctuation.

In our passage Munro, Giussani, Merrill, and Bailey—(to go no further)—all set a period after verse 9. This leaves the vocative of verses 1-2 in the air.

Now, in logic, verses 1-28 make one great sentence; in that sentence verses 1-23 constitute a long vocative. With *te* in 24, not with *te* in 6, the predicate of the sen-

tence begins, in logic. The statements in 6-9 the poet makes not for their own sake, but as part of the grounds on which he purposes, presently, when he has fully won Venus's interest, to appeal to her to bestow *aeternus lepor* on his verses (28). The words *te, dea . . . saecula propagant* (6-20) elaborate *caeli . . . lumina solis* (2-5), and are a subordinate part of the vocative. Verse 21 is resumptive of verses 3-5. In verse 21 either *quae* or *quoniam* might, in logic, be omitted. Both are used because the poet is striving hard, consciously or unconsciously, to set his readers straight concerning the syntax and the sense of the invocation. *Quae* exactly reproduces *quae . . . quae* of 3, but, since it is so far away from the vocative it modifies, it might well have seemed to the poet himself unclear and weak. *Quoniam* makes plain the fact that the statements in 21-23, which sum up and restate 2-20, constitute the grounds of the poet's appeal to the goddess for aid in his great task; it helps us realize better that verse 1 as a whole, *alma* in verse 2, and the relative clauses in 2-5 constitute grounds for the poet's appeal. Further, in this restatement in 21-23, *sine . . . exoritur* repeats closely, in sense and language both, *visitque exortum lumina solis*, 5.

The main point, then, to grasp in interpreting this passage is that, after such a vocative as we have in 1-2, considered alone, or in 1-5, considered alone, or in 1-23, taken as a whole, we expect an imperative of direct appeal to the goddess. For this the poet substitutes at first, in 24-27, a statement of his attitude toward the goddess; then, at last, in 28, he gives us the imperative for which, since his first words in 1, we have been waiting. If we grasp this connection of the passage as a whole, we shall, without hesitation, set a comma after *caelum*, 9, and commas after verses 13 and 16 (*primum*, 12, *inde*, 14, and *denique*, 17, introduce the three parts of the *nam*-clause, which covers 10-20).

C. K.

DRAMATIC INTERPRETATION IN THE TEACHING OF THE CLASSICS¹

When the earliest beings, to whom might have justly been applied the adjective 'human', made their first attempts to communicate with other beings of a similar kind, it is fair to suppose that they made use of signs, and various grunts and gutterals, even if the precise

¹An address delivered at a meeting of The Classical Association of the Atlantic States, Baltimore, April 30, 1920. [This paper is reprinted from Teachers College Record 21, 217-237, May, 1920, with only such changes as are necessary to make it conform to the style sheet of THE CLASSICAL WEEKLY. I have, with Professor Lodge's consent, appended, in footnotes, a remark or two. C. K.]

nature of these sounds has eluded the keenest of linguistic investigators from Psammetichus down. From these rudimentary beginnings were developed the highly inflected languages which were in practically universal use some centuries before the Christian era. The more we study these languages the more astounded we become at the marvelous ingenuity and intellectual resource displayed in devising such instruments of expression. When we think of languages showing ten or more cases for their nouns and verbs fully developed in voice, mood, and tense, all the different forms distinguished by variations in stem or termination or both, with careful measurements of quantity and minute attention to phonetic laws, we rightly wonder whether the human mind has really progressed in intellectual power, since the beginning of human existence upon the earth.

All of those marvelous devices and arrangements were made for one purpose, and only one, namely, the communication of ideas by means of sounds. No appeal was made with them to the eye. Those wonderful distinctions of quantity, which are the despair of modern students and teachers, were to be appreciated solely by the ear. And different languages then, as now, were characterized by different sound effects. Sanskrit, Greek, and Latin were as diverse in their sound effects as German, French, Italian, and English are to-day. And as to-day it may be said that he who knows German only by sight has no real appreciation of German as the expression of the German mind and nationality, so he who studies Greek or Latin without training his ear gets a very inadequate idea of these languages, not only as means of expression, but as exponents of the Greek or Roman nature.

Of course these languages did not spring fully developed into being; they grew through untold centuries of existence. During this period they were subject to all the laws of the organs of speech, and of psychological distinction. At the beginning of the historical period they were almost at the summit of their development, and the processes of growth were beginning to yield to the processes of decay. At this time a new influence began to be felt. The art of writing was coming into being. This was developed for the purpose of preserving records, or of communication between persons or regions separated in distance. But the art of writing had two effects not contemplated by its inventors. The fixing of the medium of communication involved the employment of a standard. Thus for the first time, the idea arose that a language can not be a lawless thing, but must be used according to fixed principles. The free growth of earlier times was greatly restricted, and profoundly modified. In fact language began to divide into two forms, the literary and the colloquial. These followed each its own course, the one being practically dead material, worked over and artistically molded by conscious effort, with a resultant intricate development of what was known as style, and the other like the broad,

foaming, often muddy growth of a living stream running often in defiance of the shackles of convention and law, and yet with great influence on the literary form as the great source of vocabulary, and in the last resort of usage. In the hands of a conscious artist, speaking to cultivated hearers, the literary form may itself become colloquial, but in ancient thought, the colloquial never became in any sense artistic. And it is doubtful whether the language of common speech can ever become in itself artistic, although it may well become an instrument for designing an artistic creation of a different kind.

Before the invention of writing, however, the distinction between cultivated and uncultivated people must have long been a vital one, and genius must have directed its attention to artistic composition. Taste had doubtless developed a norm of good versus less good usage and education must have occupied the minds of those who looked ahead for their children's welfare. But the means of learning and the means of imparting were only oral, and the question of style had to be left almost entirely to the circumstances in which a child was brought up. A child as fortunate as Julius Caesar could have found the well of Latin undefiled in his mother's lips. But less fortunate children had to trust to the idiosyncrasy of the hired teacher. This condition was profoundly modified by the invention of writing. The standard that was thus made possible did much to formulate usage, and teaching could devote more attention to artistic as well as correct speech.

To the Greek or Roman, interested only in the study of his own language and literature, the oral method of teaching was nearly the only one employed, not only because it was traditional, but because it was fully recognized that words are only one means of conveying meaning, and that they have often to be supplemented by gesture and look. The differences between different varieties of language, particularly as indicative of differences of national disposition and psychology, were as yet unknown to them. The Romans were, it is true, familiar with Greek, both from association and study, but it must always be remembered that to a Roman Greek was a kindred tongue, and this kinship was one not merely of syntax and form but of sound as well. When either Greek or Roman came in contact with the northern barbarian, the difference in speech was overwhelming, and struck his amazed consciousness at once. In our modern times we have the same experience, and show our surprise by laughter and jeers. In fact, it is only necessary to utter aloud the modern languages, such as German and French, to discover or at least to think to discover a profound difference in the psychology of the two peoples. Would any one ever expect to find an artistic and sensitive people in the Germans when he had heard their speech? And would any one not expect to find these very qualities when he heard the sonorous Italian? It might be invidious to speak of

our own tongue, but so good a critic as Lord Byron speaks of English as

our harsh northern whistling grunting gutteral,
which we're obliged to hiss and spit and sputter all

and it would hardly be too much to find in this description a fairly good portrait of John Bull himself. Still it must be remembered that Teutonic is but a minute part of the English language, and that the really expressive part of it has been drawn entirely from the Greco-Roman.

As I intimated just a little while ago, speech by means of sounds has never been regarded by mankind as a medium sufficient in itself for the conveyance of ideas. It has always been supplemented by gesture and facial expression. Words entirely neutral in themselves may have widely different meanings according to the way they are uttered. The well-known western anecdote "when you call me that, smile" is good for the whole human race, and for all time. This introduces the dramatic into speech, and must have dated from the first efforts of expression of the caveman. In Greece the education in language was restricted almost entirely to the great poets, notably Homer, whose works had to be committed to memory. This involved, of course, some practice in declamation, and we cannot imagine that the Greek boys should have declaimed Homer without due regard to the proper expression, that is to the dramatic element. Similarly, when we come to the Romans, after the earlier period, and when education came to be regarded as a worthy aim, we know that they based their training in language on a translation of the *Odyssey*, which of course the boys were made to learn by heart, to recite. This practice of recitation prevailed long after there were sufficient books for the cultivated classes, and long after the School age, for most literary writers presented their works to the criticism of the world by means of more or less public recitations. Here too the recitations must have been dramatic. Indeed we have actual indication that Vergil himself read his *Aeneid* aloud to Augustus, and to Octavia with the well-known effect. We are told, in addition, that Vergil's voice, while not very strong, was of marvelous charm.

If then great care was taken in the early training that the boys should not only speak clearly and enunciate accurately, but should also recite effectively, how much more important was this in the later training when all the efforts of education were directed to the making of a good orator. Both Greeks and Romans regarded the ability to express one's self in a public speech as the one indispensable accomplishment of a nobleman and a gentleman. And this expression involved a high degree of dramatic skill. A speech delivered as a mere series of words would never have had any effect on a Greek or Roman audience. They were used to artistic oratory and they demanded it from all who desired to impress them.

The importance of dramatic form as the form which all communication of ideas would naturally take was so

completely ingrained in the Greek consciousness that it seemed only natural for it to be used for didactic composition even when the dramatic form itself contributed little if anything to the elucidation of the subject. It was this feeling that impelled Greek philosophers like Plato to present their philosophical speculations in the form of dialogues. It was this feeling, supported by tradition, which induced Cicero to do the same thing. And it was the similarity to actual class-room experience that led the grammarians to couch their rules in the form of question and answer. One of the most interesting of these grammatical treatises from our point of view is Priscian's *Partitiones*, or the grammatical analysis of the first twelve verses of the *Aeneid*, given in the form of question and answer and showing an elaborate minuteness of grammatical technique such as we rarely see in our modern teaching, although it must be confessed that if we could imbue our pupils with half the information which Priscian clusters around the first word *arma*, for example, we would have every right to regard our work as well done. This of course is not the first of these dialogues. Two centuries earlier Donatus had used the same form in his *Ars Minor*, and it became the regular thing.

This method of presentation was dramatic only in form; there was no real dramatic feeling either felt or intended. It was merely a fashionable way of presenting information, and grew more and more dead as the centuries passed.

Towards the eighth century we find men's minds waking up to a realization of the essential deadness of such educational procedure. The chief educational figure of this period, Alcuin was selected by Charlemagne to inaugurate educational reforms, one of which was the attempt to reintroduce a semblance of life into the old devitalized 'colloquy' or 'disputation', to make teaching again a mirror of actual experience. The new innovation erred on the side of the fantastic and proved of no permanent value, although the employment of imagery and metaphor relieved the teaching from the dryness of the earlier drill.

It must be remembered that the aim of Latin teaching during the Middle Ages was primarily to teach people to speak Latin. Hence practice in speaking was essential. The formal grammatical question and answer did not meet the need as the material did not lend itself to any extended dialogue between pupil and teacher or between pupils and pupils. The necessity of dialogue however was never in question, and, following upon the innovation of Alcuin, we find attempts made to produce real dialogues worthy from their subject matter to merit the study of all. The article on Colloquies in Monroe's *Cyclopedia of Education* mentions a colloquy of Archbishop Aelfric and his pupil Aelfric Bata in the tenth century, which is well worth reading to-day. But such efforts as this were merely sporadic until the revival of learning, when owing to a recognition of the great importance of this method of imparting instruction the most famous and accomplished scholars devoted their

time to composing colloquies. The article just referred to gives as the first of the series the *Manuale Scholasticum* of about 1476 containing dialogues between University students of Heidelberg. Then follow the colloquies of Peter Mosellanus in 1518, giving very clever conversations of students at Leipzig; of Erasmus in 1519, which are well known to all of us and which have been used in Schools since their appearance; of Vives, whose *Exercitatio*, depicting in boy's conversation the life and activities of youth, was published in 1539 and had a great vogue; of Castellion, whose sacred dialogues were published in 1543 on the initiative of the Protestant reformers, and also had a wide use; and finally of Cordier, whose *Colloquia* were published in 1564, and sprung at once into a prominence which they maintained until the last century.

As has been said these colloquies were intended to teach pupils to speak Latin. With the decay of the demand for this accomplishment, the importance of these works also decayed, and the change from teaching a living language to teaching a dead one gradually came about. This change had been completely accomplished in this country by the middle of the last century, although remnants of the old employment of Latin as the language of the highest dignity still survived in places. Thus the Latin orations at the Harvard commencement persisted until a comparatively recent time, and degrees were still conferred in Latin at Columbia as late as the nineties. In Germany, too, Latin was still heard in some of the seminaries, while the Roman Church has never accepted the fact of death in spite of every effort made by philistines and classical teachers themselves to convince her, both by theory and practice.

The fact that Latin was regarded as a dead language led to the natural consequence that the study and teaching of it came to be practically nothing more than a variety of anatomical dissection. Such a study has its value in various ways. It produces accurate knowledge of the structure, and to a certain extent of the functions of the various parts. It serves to train the mind in accuracy of observation and record. But it gives no information as to the living spirit of the organism, it neglects entirely the life-giving element. This was the condition of Latin and Greek teaching during the latter half of the last century.

But there were not lacking discerning souls who perceived that this attitude of mind on the part of teachers of the Classics was suicidal. Such beginners' books as Jones' First Lessons in Latin, or White's First Lessons in Greek, whose sole aim in their own words was to lead the beginner during the first year "to master the inflections and build up a vocabulary", while excellent drill books, seemed to have lost sight entirely of the idea of 'content' and could not fail to rouse opposition at the same time that they deadened interest. And as is always the case, the culmination of the one movement is the starting point of its opposite. Hence the two books that I have referred to were the last as well as the most perfect of their kind. The demand for the infusion of

life into classical teaching grew stronger and stronger in the early eighties and ultimately resulted in the appearance of the Beginners' Latin Book of Collar and Daniell in 1886. It will come as a surprise to many that the authors state the aim of this book to be "to serve as a preparation for reading, writing, and to a less degree, for speaking Latin". Let me quote another paragraph from the preface to show the form that the reaction was taking:

The complaint is very common, and its justice must be acknowledged, that first Latin books are often excessively and needlessly arid and barren. Accordingly an effort has been made, while following a rigorously scientific method in the development of the successive subjects, to impart something of attractiveness, interest, freshness and variety to the study of the elements of Latin by means of the *colloquia*, the choice of extracts for translation, etc.

This book had a great vogue for a number of years. How much use was made of the *colloquia*, however, I do not know, but I am inclined to think that most teachers either did not use them at all, or, if they did, used them simply as new reading matter instead of having them recited, as was undoubtedly the intention of the authors².

The attempt to impart life to the teaching of the Classics was continuous for the next twenty years, although it was directed more to content than to method of presentation. In fact, the use of oral Latin seemed to have dropped out of sight almost entirely until the beginning of definite experiments in this line in England brought the question up again and made it for a decade the most important question of the hour. Without going at all into the merits of the Direct Method, it will suffice to say that no matter of method has ever had such a far-reaching effect as this experiment in England. Almost all the beginners' Latin books published during the last fifteen years have shown the influence of the movement in the great emphasis laid on oral practice, even when they have not gone to the extent of introducing dialogues.

One of the integral elements in the Direct Method of teaching is the giving of plays, where the characters are taken by the pupils. This is, of course, not the only form that the direct teaching takes, for the telling of stories is also a part of the duties of the pupils.

Before going, however, into the details of dramatic possibilities, I should like to advert for a few minutes to another side of the question, namely, the performance of the masterpieces of Greek and Latin drama, not primarily for the purpose of instruction, but rather for the sake of propaganda. The full statistics as far as 1913 are accessible in a series of papers by Professor D. D. Hains contributed to The Classical Journal (Vol. 9)³. The first Greek play ever given in America was staged at Harvard on May 17, 1881. It was the *Oedipus Tyrannus* of Sophocles. It is noteworthy that

²Several distinguished teachers, such as Dr. Sauveur, Dr. Arcadius Avellanus, did valiant work on similar lines but their efforts did not extend to the organized School systems.

³See The Classical Journal 9, 189-198, 251-260, 344-353. C. K.]

the date of this performance is just at the beginning of the movement to make the teaching of the Classics more living, to which I referred a little while ago. This movement has been called the Classical Revival. It rests with us whether it was not really the last kick of a moribund subject. From this time up to 1913, according to Professor Hains, Greek plays had been given by 49 Colleges and Universities, 6 Secondary Schools and 8 Clubs: total number of plays, 125; of separate performances, 193. Latin plays had been given by 29 Colleges and Universities and 4 Secondary Schools; the number of plays was 45, of performances, 48. Also 52 other institutions had given dramatizations from Greek and Latin, Homer, Theocritus, Cicero, Caesar, and Vergil. The grand total was 300 performances of 228 plays and dramatizations by 130 institutions. This did not include professional productions, presentations of Miss Paxson's little plays to which I shall return presently, and such things as Roman dinners and entertainments. Since 1913, according to the reports given in The Classical Journal, 17 Greek plays and 12 Latin plays have been presented, while there have been 93 or more performances of School plays, dramatizations, and entertainments. The sharp distinction between the regular performances of the ancient plays, requiring elaborate training and equipment, and the School performances, which in many if not most cases involved comparatively small expenditures of time or money, is striking. These latter were also in the nature of propaganda, to be sure, but rather among the pupils themselves than to the outside public. And the direct result must have been to teach Latin, to interpret the authors read, and to give some study of Roman and, to a much smaller degree, Greek life and institutions. During the last four years there has been a steady decrease in the number of 'regular' performances, as was to be expected in war times, but the increase in the minor efforts is all the more remarkable.

While the performance of the great plays of antiquity must always attract the attention of the discriminating and cultivated, this rather remarkable record of the last forty years seems to have had little or no effect in mitigating the hostility of the philistines, or of stirring up to the defense of the Classics in our Schools any considerable support. It has been a *succès d'estime*, and little else. On the other hand, the work in the Schools has unquestionably had the effect for which it was intended, and has done much to meet objections on the part of critics as to the lack of coördination of ancient life and institutions with our own.

(To be concluded)

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GONZALEZ LODGE.

REVIEWS

Source Book of the History of Education for the Greek and Roman Period. By Paul Monroe. New York: The Macmillan Company (1901). Pp. xiii + 515.

To students of the history of education, as to those in allied fields, the examination of source materials is of

the greatest importance. Nothing that is written about historical characters and documents is so satisfying or so valuable to the real student as the tangible results which those men produced, or the documents themselves.

For the use of students of education during the Greek and Roman periods Professor Paul Monroe has prepared a Source Book, containing pertinent selections from the leading thinkers who gave expression to educational theories, or outlined and perfected educational practices. The range of these selections runs from those pertaining to the earliest period of Greek education down to the *De Institutione Oratoria* of Quintilian, which summarizes educational views accepted during the latter days of the Roman Republic and the first of the Roman Empire.

In addition to an excellent selection of excerpts the book contains another valuable feature, especially useful to students who are not yet thoroughly conversant with the periods and the sources which offer an insight into them. Reference is made to the brief, pointed paragraphs, relating to the nature of the period under discussion and to the array of sources available, which precede the presentation of the sources.

These characteristics recommend the book highly to students and explain, in great measure, the long period of service it has already given.

DEPARTMENT OF EDUCATION,
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THOMAS WOODY.

This notice, by a Professor of Educational Theory and Practice, was prepared at my request, as a supplement to Professor Woody's notice, in THE CLASSICAL WEEKLY 13.190, of a book by Robert R. Rusk, called *The Doctrines of the Great Educators*. It seemed worth while to bring Professor Monroe's book to the attention of readers of THE CLASSICAL WEEKLY, some of whom may have missed it, since it was published before THE CLASSICAL WEEKLY began.

The book falls into two main parts: Part I, Greek Education (pages 1-326), Part II, Roman Education (327-509). The Index covers pages 510-515. In Part I we find Chapter I, Old Greek Education (1-33); Education of Women in Greece (34-50); Chapter III, The New Greek Education (51-115); Chapter IV, Greek Educational Theorists: The Historical View (116-128); Chapter V, Greek Educational Theorists: The Philosophical View (129-264); Chapter VI, Greek Educational Theorists: The Scientific View (265-294); Chapter VII, The Later Cosmopolitan Greek Education (295-326). Part II includes the following: Chapter I, Early Roman Education in General (327-345); Chapter II, The Second Period of Early Roman Education (346-354); Chapter III, Contrast Between the Earlier and Later Periods of Roman Education (355-370); Chapter IV, Survival of Early Roman Educational Ideals in the Later Period (371-385); Chapter V, The Third Period: The Hellenized Roman Education (386-420); Chapter VI, The Orator as the Ideal of Roman

Education (421-444); Chapter VII, Scientific Exposition of Roman Education (445-509).

The purpose of the book (vi) is to

render accessible to the student with limited time and limited library facilities, the ideas of the Greeks and Romans concerning education, and such descriptions of their educational systems as are given in their own literature. . . . each group of sources is accompanied by a brief introductory sketch indicating the general setting of the period to which it belongs, and the main principles of interpretation to be followed.

Most of the book consists of quotations, "from such translations as are most readily accessible in complete form". Jowett's renderings of Thucydides, Aristotle, and Plato are used; "most other passages <are> from the Bohn Library editions". There are selections from Plutarch's Lycurgus, Pericles's Funeral Oration, Plato's Protagoras, Xenophon's Oeconomicus, Aristophanes's Clouds, Plato's Republic and Laws, Xenophon's Cyropaedia, Aristotle's Polities, Plutarch's Moralia, Cicero's De Oratore, Horace's Satires and Epistles, Martial, Seneca's Epistles, Suetonius's De Grammaticis and De Rhetoribus, Plautus's Bacchides, Tacitus's Dialogus, Quintilian (nearly 60 pages), etc.

For an interesting discussion of Quintilian see a paper by Professor Charles E. Bennett, of Cornell University, entitled, An Ancient Schoolmaster's Message to Present Day Teachers, The Classical Journal 4.149-164. C. K.

Die Rückläufige Ableitung im Lateinischen. By Franz Bredner. Lausanne (1920). Pp. 83.

For several years past the College Entrance Examination Board has included in its Latin papers simple questions on etymology. The answers, as far as the candidates have cared to answer at all, have shown that the Schools still cling to the mechanical theory of derivation, according to which the Romans, when in need of a derivative, chose a suffix from their store and glued or welded or otherwise fastened it to the stem in hand. While such views of grammar obtain, the study will remain unprofitable and unpopular.

The pamphlet before us will do a great deal toward giving its readers a just conception of the process of derivation, for it deals with those derivatives in regard to which the mechanical theory most conspicuously breaks down. Lucilius's *gubernum*, 'helm', is clearly a derivative of *gubernare*, which is an early loan from Greek *κυβερνᾶν*; but it contains no suffix. Such words compel one to recognize derivation as an analogical process; beside the verb *regnare* there is a familiar noun *regnum*, and so the verb *gubernare* suggests a noun *gubernum*. Cause and result are conveniently stated together in the formula, *regnare : regnum :: gubernare : gubernum*.

Dr. Bredner, in this Basle dissertation, has gathered a large number of similar Latin derivatives. We shall notice only a few. That the feminine word for 'betrothed' was *sponsa*, 'promised', is in no way surprising; for a Roman *sponsa* was legally a piece of property for whose transfer from one owner to another a contract had been made. But *sponsus*, 'betrothed man', seems

to imply modern conditions, in which it is the woman who is more likely to establish her claim to the man, if the matter comes before a court. The explanation is that *sponsus* is a 'retrograde' derivative of *sponsa*; *amica : amicus :: sponsa : sponsus*.

Could any phrase be more absurd than *decem vir?* But of course there never was such a phrase. *Decem viri* came to be felt as a single word, and then gave rise to a derivative; *viri : vir :: decemviri : decemvir*. Just so *septentriones* is the source of the illogical *septentrio*. On the other hand *triumvir*, 'member of a board of three', led to *triumviri*, which ought to mean 'several members of a board of three', but which usually means 'a board of three'.

Intercus, 'dropsy', has rather a complicated history. Its source is to be found in such phrases as *aquam inter cutem habere*, in which the prepositional phrase came to be felt as an adjective in agreement with *aquam*. Hence came the nominative adjective *intercus*, after the model, *hebetem : hebes*; and finally the phrase *aqua intercus* was abbreviated.

The source of *vinolentus* is the phrase *vinum olens*, pronounced with elision. Regular comparison gave *vinolentior* and *vinolentissimus*, and then a 'retrograde' derivative was formed, the formula for which may be written *vastior vastissimus : vastus :: vinolentior vinolentissimus : vinolentus*.

Most of the etymologies in the book have been previously published. Dr. Bredner's service is in collecting and classifying them, and in giving a clear account of the process involved.

EDGEGATER, N. J.

E. H. STURTEVANT.

A Short Grammar of Attic Greek. By Rev. Francis M. Connell, S. J. Boston: Allyn and Bacon (1919). Pp. VII + 196. \$1.40.

What useful end this book will serve it is difficult to discover. It is "designed for those who wish to study the essentials of Greek grammar with a view to the intelligent reading of Greek prose". If by "study" the author means 'review', there is a chance that some beginners may find the book a serviceable compendium of Attic prose usage, although Bevier's Brief Greek Syntax is decidedly superior. If, however, the book is intended as an *introduction* to the study of Greek (there are sixteen brief exercises for practice), its author might have spared himself the labor of composition and his reviewers the task of perusal.

Lack of originality one may condone, but not ambiguity or omission of important details. Both these faults impair the usefulness of this Grammar, and both no doubt may be ascribed to the author's insistence upon brevity of statement. Particularly unsatisfactory are the sections on accent (page 6), prepositions (102), the uses of the subjunctive (144), conditional sentence (149 f.), indirect discourse (158 ff.), and the verbal adjective (169).

Actual errors are fortunately few and mostly inconsequential. But what shall one say of the designation

"ablative dative", by which is meant "those uses supplied originally by the old Greek ablative" (page 112; see also page 115)? It has the merit at least of originality, and is in fact the one original contribution contained in this short grammar of Attic prose.

UNIVERSITY OF CALIFORNIA. JAMES TURNY ALLEN.

CLASSICAL ARTICLES IN NON-CLASSICAL PERIODICALS

- American Historical Review—July, German Historical Publications [contains notice, on pages 641-642, of Ettore Ciccotti, Griechische Geschichte, and L. M. Hartmann and J. Kromayer, Römische Geschichte, parts of a work entitled *Weltgeschichte*; and, on pages 642-643, of Eduard Meyer, Caesars Monarchie und das Prinzipat des Pompejus: Innere Geschichte Roms von 66 bis 44 v. Chr.]; Oct., Richard Orlando Jolliffe, Phases of Corruption in Roman Administration in the Last Half-Century of the Roman Republic (F. F. Abbott).
- Athenaeum—Oct. 1, (W. C. Sommers, The Silver Age of Latin Literature from Tiberius to Trajan) ["covers the old ground very thoroughly"].—Oct. 22, Ulysses, F. Bateson [poem].
- Burlington Magazine—Oct. 15, Ancient Art [comment on an exhibition held at Leicester Gallery, mainly of ceramics and sculpture].
- Cornell Law Quarterly—May, The Revival of Roman Law, Charles S. Lobinier.
- Educational Review—May, A Neglected Tool in the Culture of the Classics, Shelton Bissel.
- English Historical Review—July, E. Cavagnac, Histoire de l'Antiquité. I. Javan (H. R. Hall); E. Pais and E. Ciaceri, Ricerche sulla Storia e sul Diritto Romano. Volume I (H. S. Jones); B. Krusch and W. Levinson, Passiones Vitaeque Sanctorum Aevi Merovingici (E. W. Brooks) [a new instalment of *Monumenta Germaniae Historica*]; R. O. Jolliffe, Phases of Corruption in Roman Administration in the Last Half-Century of the Roman Republic (W. W. F.); D. McFayden, The History of the Title Imperator under the Roman Empire (H.S.J.); F. Holland, Seneca (H. E. B.); I. Bywater, Four Centuries of Greek Learning in England (M. R. J.).
- Fortnightly Review—Nov., The Death of Pan, G. Dearmer [poem].
- Freeman—Oct. 13, In the Classical Cemetery. II. Mrs. Grundy of Athens, A. Harvey [discusses Euripides's ideas of woman in respect to war]; Oct. 23, In the Classical Cemetery. III. A Victim of Marriage, A. Harvey [comment on Phaedra in the Hippolytus].
- History (English)—Oct., Some Recent Books on Roman History, N. H. Baynes [short reviews of seven recent publications in the field of classical history].
- Internationale Monatschrift für Wissenschaft, Kunst, und Technik—Nov., 1919, Philipp II. und Alexander Grosse, E. Karnermann.
- Journal (of the New York State Teachers Association)—March, Latin in the Junior High School, L. Antoinette Johnson [an outline of the work in Latin attempted in the Milne High School, Albany, New York].
- Journal des Savants—July-Aug., L'Amphithéâtre de Lugdunum, P. Fabia [archaeological]; Académie des Inscriptions et Belles-lettres [notes on classical activities].
- Journal of Educational Psychology—Jan., The Translation Method of Teaching Latin, W. H. Fletcher [an account of a method of teaching Latin which is based on the same procedure as that employed in teaching first grade pupils to read English. The emphasis is placed on the recognition of words in their relations as used to express ideas. Reading, dialogue and dramatization are stressed, and only such grammatical constructions are noted as are essential to the comprehension of the meaning].
- Mercury (London)—Oct., The Epic Environment, F. Burrows [explains why the epic poet writes in the form he does and why in so many literatures epic comes first]; Ecloga Virgiliana, J. D. C. Pellow [poem].
- New Republic—Oct. 13, G. C. Fiske, Lucilius and Horace ["scholarly and intelligent"].
- New Statesman—(E. J. Urwick, The Message of Plato) [maintains that the Republic is largely derived from oriental sources and that Socrates and Plato were prophets and mystics rather than intellectual philosophers].
- Nineteenth Century—Nov., Beyond the Might of Rome, B. W. Henderson [story of Trajan and the East].
- North American Review—Sept., The Case for the Humanist, Percy H. Houston [a reply to the criticisms of Dr. Eliot and Dr. Flexner concerning humanistic studies. The paper also criticizes the conventionalized curriculum and the formal methods of instructing in the Colleges and the Universities, and presents a constructive program].
- Nuova Antologia—Sept. 1, I Poemetti Latini del Pascoli; La "Loeb Classical Library" [comment on this series].
- Revue des Deux Mondes—Sept. 1, Les Villes d'Or, II. La Résurrection de Carthage, L. Bertrand [archaeological discussion of Franco-Roman Africa].
- Revue d'Histoire Littéraire de la France—April-June, D'après Sappho. Variations sur un Thème Éternel, J. Geraud [comment on imitations of Sappho].
- Revue Universitaire—March, Version Latine et Version Allemande, Émile Renaud [compares the relative merits as a school exercise of translation into Latin and into German; for French pupils the substitution of German for Latin is inadmissible, because a knowledge of Latin is essential for the full understanding of French].
- Rivista Italiana di Sociologia—July, 1919, Politica e Religione nell' Impero Romano, G. Costa.
- School (Toronto, Canada)—March-April, Latin in the Schools of Ontario, J. O. Carlisle and D. E. Hamilton.
- School and Society—March, Educational Ideals of To-Day, Lewis R. Harley [an elaboration of the article entitled Humanistic Tendencies of To-Day, in THE CLASSICAL WEEKLY 13, 142-143].
- Spectator—Oct. 16, From the Greek Anthology, C. T. Campion [poetical translations of three poems of Meleager].—Oct. 30, The Tragedians [discussion and comment on the art of the Greek writers of tragedy].
- Weekly Review—Nov. 10, Dynamic Symmetry and Greek Vases, J. F. Mather = (J. Hambidge, Dynamic Symmetry: The Greek Vase).

DARTMOUTH COLLEGE.

WILLIAM STUART MESSER.

AENEID VI IN THE 'MOVIES'

Those who believe in the use of the 'Movies' as a form of propaganda for the Classics (see the article by Professor Hadzsits in THE CLASSICAL WEEKLY 14, 70-71) will be interested in an account of the representation of Aeneid VI in the 'Movies'. For this I am indebted to a letter sent to me by Miss M. Louise Printup, of Atlanta, Georgia. She writes as follows:

"The Southern Bell Telephone Company evidently decided that Mr. Ford's method of advertising through moving pictures was an excellent plan, and so conceived the idea of doing something similar. The Company wrote to the Drama League of America, asking the name of some organization that might be willing and able to put on, through the 'Movies', something of interest to the Schools. The Drama League named, in reply, our High School; apparently the League knew of no other School that has a dramatic club conducted along educational lines.

When the Telephone Company approached our School on the subject, our junior Latin teacher, who for two years has been head of the Dramatic Club, saw a long-coveted opportunity to produce a Latin pageant. She did, to be sure, offer to the Telephone Company an outline of a pageant setting forth the history of mathematics, as well as one based on Aeneid VI. The Company immediately selected the latter.

We had to work vigorously, since the pictures had to be made out of doors, and winter was coming. The pictures were made on Friday and Saturday, October 28-29. The moving picture people (the Harcourt Educational Movie Company) declare that it is a good piece of work. Of course, all who see the film must remember that it is the work of schoolgirls, and of necessity was produced as inexpensively and as simply as possible. The dramatic work in this School is purely voluntary; it is not in any way part of the curriculum".

The Atlanta Journal, of November 7, devoted a full page to reproductions of seven scenes from this dramatization of Aeneid VI. These came out very well indeed. They represented a student as Orpheus, another as Rhadamanthus, and another as Weigher of Souls at the court of Minos. Two students were pictured together as "Grecian Women in the Mourning Fields". The other pictures represented groups, which, in the Journal, were designated as follows: The Death of Misenus, At the Gates of Orcus, At the Shrine of Apollo.

Some time after November 7, the films were run, at an afternoon and an evening performance, at the Auditorium in Atlanta. Considerable space was given to the performance by the newspapers; in fact, The Atlanta Journal devoted an editorial to them, under the caption "Hurrah for the G. H. S.". From the editorial two quotations may be made:

"Virgil was made pleasant instead of unpleasant, attractive instead of repellent, its difficulties minimized through the very realism of its characters and its story. In short, Virgil was introduced in its true guise—as one of the world's greatest books."

The effect upon those who saw it at the Auditorium was not alone to please them by the mere entertainment of a charming story, but to awaken in all of them, old and young, an interest in the Classics that, in the case of the younger folk at least, will bear rich fruit".

From a special article in The Atlanta Journal, I quote the following paragraphs:

"The picture was made in and around Atlanta, in less than eight hours altogether, the pupils giving their spare time to the filming one Friday afternoon and Saturday morning. The work was voluntary; no 'make-up' was used; all the costumes, properties, and the like were created by the girls themselves.

And right there is the charm of the picture, the thing about it that places it in a class distinctive from any professional production. Here are no elaborate tricks of staging or camera work, no 'stars', no strained seeking for effect. It is utterly genuine, and, because it is the

work of high school girls, imbued with a spirit and inspiration for their subject, the very atmosphere of it that may be described as 'amateur' fits it and strengthens it. Were it one whit greater or less than it is, the picture would not be so all satisfying".

In a letter dated December 5, Miss Printup writes as follows:

"The picture is done in sepia—the brown tones are quite attractive. The scenes on the banks of the Styx, however, are in a blue that lends just the right 'atmosphere' to them. These scenes are especially pretty and so are those portraying the burial of Misenus. The views of the Elysian Fields are truly realistic.

It was amusing when the line of heroes was passing before Aeneas and Anchises to hear the round of applause that greeted Julius Caesar. Augustus is indeed regal looking, but the girls read, in the English course, Shakespeare's play, Julius Caesar; the history classes become well acquainted with Caesar; and the Latin classes know him from much association with his ideas and the story of his exploits. For these reasons he was popular with his audience".

Though not strictly germane to the rest of this notice, I do not hesitate to append the closing remarks of Miss Printup's letter of December 5:

"You may be interested to know that in our School the commercial courses, so popular during the war because of the demand for stenographers and such, have lost favor, and the Latin classes are increasing in size".

C. K.

THE CLASSICAL CLUB OF GREATER BOSTON

The annual meeting of The Classical Club of Greater Boston was held at Boston College, Chestnut Hill, on Saturday, May 13, with the following program: Prelection of a Latin Author in the Class Room, Rev. Phillip H. Burkett, S.J., Boston College; Forum: The Foreign Languages in the Curriculum of Secondary Schools, Mr. F. H. Nickerson, Superintendent of Schools, Medford (discussion opened by Professor A. H. Rice, of Boston University); The Practical Use in Teaching French of its Connection with Latin, Mr. F. H. Smith, of the Browne and Nichols School, Cambridge; Teaching of Literature in the French Lycée by the Explication of the Texts, Professor Andre Morize, of Harvard University.

Dr. Burkett's paper was of unusual interest, not only for its educational value, but because it brought prominently to the front the idea of *repetition*, a subject too often ignored by Latin teachers.

In the Forum discussion, Mr. Nickerson spoke upon the new plan for admission to College, proposed by the Committee on College Entrance Requirements of the New England Association of School Superintendents. Since Latin is not mentioned in these requirements, an animated discussion followed, in which Professor Rice, Professor Clifford H. Moore, of Harvard University, and Dr. Burkett took part.

The following officers for next year were elected: President, Rev. Willard Weed, of the Browne and Nichols School, Cambridge; Vice-Presidents, Dr. Ellen F. Pendleton, President of Wellesley College, Rev. William Devlin, S.J., President, Boston College, and Professor Alexander H. Rice, Boston University; Secretary, Clarence W. Gleason, Roxbury Latin School; Treasurer, Thornton Jenkins, Head Master, Malden High School; Censor, Albert S. Perkins, Dorchester High School.

ALBERT S. PERKINS, *Censor*.